

Weekly Report for 2016/01/11-2016/01/17

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Progress

1. TCPTree Project

2. Large Graph Visualization

I finished the prototype report.

3. Vis 2016 Paper

This week I focus on the visual design of my project.

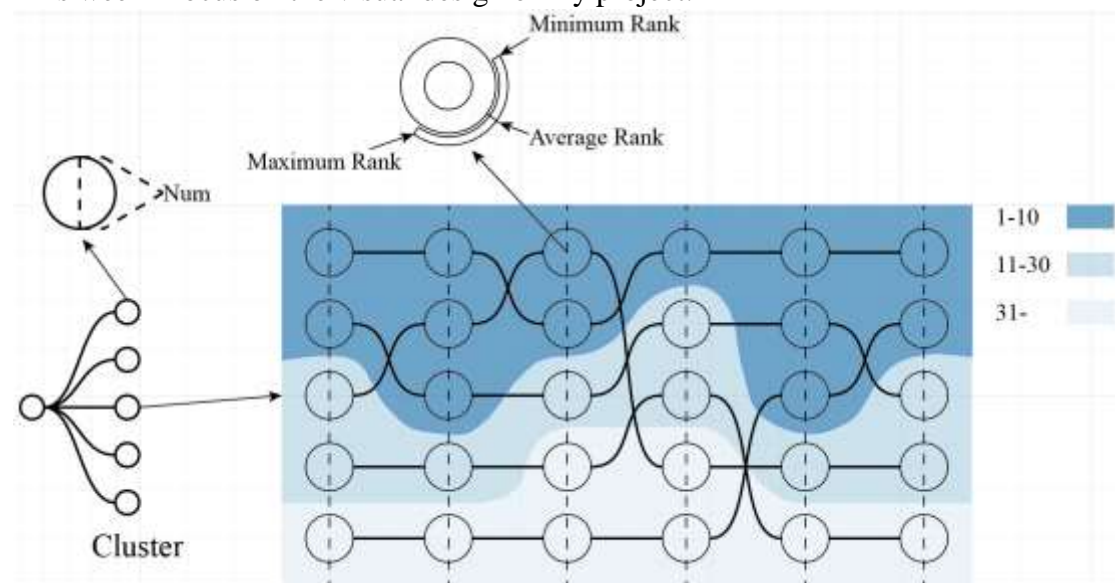


Figure 1

I talked with Prof. Wu for several times and revised the initial design to the design shown in Figure 1. The structural hole spanners are firstly clustered by their temporal ranking trend. Once a cluster is selected, the detail of this cluster is shown. The position of a node is determined by the average of ranks under different measures. The distribution or the uncertainty of the rank of one node is encoded by a glyph. The dynamic change of the rank is shown by links among nodes.

I also started to write the introduction part of my paper.

4. TA Work

This week I started to review the assignments.

Plan

1. TCPTree Project

2. Large Graph

Initial layout of community

Finish the ego network visualization

3. Vis 2016 Paper

1. Project plan and milestones:

Paper:

12.30 Finish related work

1.20 Finish introduction

2.10 Finish visual design

2.30 Finish discussion

3.21 Finish abstract

3.25 Finish evaluation

System:

Evaluation:

Data:

Find Nan Cao's vis2015 paper and read them, see how to combine visualization with data mining model.